

What is claimed is:

1. A composition for abating hydrogen sulfide emissions comprising:  
a combination of Fuller's earth and a metal compound formulated to eliminate at least 0.01 grams of H<sub>2</sub>S per gram of composition.
2. The composition of claim 1 further comprising a fragrance, a benzaldehyde, citronella, eucalyptus and water.
3. The composition of claim 1, wherein the metal compound is silver nitrate or silver nitrate solution.
4. The composition of claim 1, wherein the metal compound is ferric sulfate or ferric sulfate solution.
5. The composition of claim 1, wherein the metal compound is copper sulfate or copper sulfate solution.
6. The composition of claim 1, wherein the metal compound is a mixture of silver nitrate and zinc sulfate solutions.
7. The composition of claim 1, wherein the Fuller's earth is comprised of magnesium silicate, aluminum silicate or combinations thereof.
8. The composition of claim 1, wherein the metal compound is present in the composition in an amount from about 1 ppm to about 5,000 ppm.
9. The composition of claim 1, wherein the Fuller's earth is present in an amount from about 70% wt. to about 85% wt.
10. The composition of claim 2, wherein the fragrance is present in an amount from about 1% wt. to about 2% wt.
11. The composition of claim 2, wherein the benzaldehyde is present in an amount from about 1% wt. to 4% wt.

12. A method of reducing landfill gas using the composition of claim 1 comprising: mixing the composition with landfill material and applying the mixture to the surface of a landfill.

13. A method of reducing landfill gas using the composition of claim 1 comprising: applying a layer of the composition on the surface of a landfill, wherein said layer has a minimum average thickness of 2 cm.

14. The method of claim 13, wherein the layer comprises at least about 65 tons of the composition per acre of landfill.

15. The method of claim 13, wherein the layer comprises from about 65 tons to 75 tons of the composition per acre of landfill.